

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 99/00711

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	C12N15/54	C12N15/85	C12N5/10	C12N9/10	C07K16/40
	C1201/68	G01N33/68	A61K39/395	A61K38/45	A61K48/00
	C12P19/28				

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N C07K C120 G01N A61K C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Emhum1 Database Entry Ac003024 Accession number AC003024; 31 October 1997 EVANS G.A. ET AL.: "HGTS submission". XP002120235 nucleotides 57575 to 58705 ---	1-3, 14, 19, 20, 24
X	WO 94 00475 A (UNIVERSITY OF GEORGIA RESEARCH FOUNDATION) 6 January 1994 (1994-01-06)	2-7, 22, 23
A	the whole document ---	1, 8-21, 24, 25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

26 October 1999

Date of mailing of the international search report

05/11/1999

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HIROYUKI SAITO ET AL.: "cDNA cloning and chromosomal mapping of human N-acetylglucosaminyltransferase V" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 198, no. 1, 1994, pages 318-327, XP002119779 ORLANDO, FL US	2-7,22, 23
A	the whole document ---	1,8-21, 24,25
A	Emest26 Database Entry Hsr87580 Accession number R87580; 10 October 1995 HILLIER L. ET AL.: "The WashU-Merck EST Project" XP002119781 the whole document -----	24

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claims 21 and 24 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9400475	A 06-01-1994	US 5602003	A 11-02-1997	
		AT 173761	T 15-12-1998	
		AU 662441	B 31-08-1995	
		AU 4654693	A 24-01-1994	
		CA 2114631	A 06-01-1994	
		CN 1081205	A 26-01-1994	
		DE 69322240	D 07-01-1999	
		DE 69322240	T 22-04-1999	
		EP 0602237	A 22-06-1994	
		ES 2125343	T 01-03-1999	
		FI 940893	A 25-02-1994	
		GR 3029463	T 28-05-1999	
		JP 6510914	T 08-12-1994	
		NO 940655	A 21-04-1997	